

# ABSTRACT

*Sub B1* Systems and methods that allow for performing a single transaction that both commands a device to perform an action and return the result to a processor without the processor having to send a separate request for the result. In addition, a processor may perform a context switch switching between threads using separate context registers. A context switch allows a processor to switch from processing a thread that is waiting for data to one that is ready for additional processing.

09591510-061200